

Power Cost Memorandum Fuel Cost Update and Surcharge Change

Date: June 3, 2021

Utility Name (Cert. No.) UNALASKA, CITY of (106)	Utility File No. PC39-1018D	Date Filed: May 10, 2021
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PCE AMOUNT SUMMARY	Previously Approved PC39-1018C	Staff Recommended PC39-1018D
Class Rate	<u>Date Approved:</u> May 7, 2021	<u>Effective Date</u> June 4, 2021
Residential	\$0.1042	\$0.1008
Small General	\$0.1042	\$0.1008
Large General	\$0.1042	\$0.1008
Industrial	\$0.1042	\$0.1008
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ <u>2.3467</u>	New Fuel Purchase Price: \$ <u>2.2933</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: <u>N/A</u>	Surcharge Change: Previous <u>0.14495</u> Updated <u>0.14995</u>

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 6/3/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i> RMP		
Kurber		<i>KI</i> KI		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i> DS		
Wilson		<i>JWW</i> JWW		

Special Instructions to Staff:

*If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CITY OF UNALASKA

POWER COST EQUALIZATION CALCULATION
 BASED ON NON-FUEL COSTS FROM THE
 TEST YEAR ENDING JUNE 30, 2018
 Fuel Cost Update and Surcharge Change

	PC39-1018C	PC39-1018D
	Prior Commission Approval	Staff Recommended
A. Total kWh Generated	57,936,250	57,936,250
B. Total kWh Sold (Appendix 2)	55,325,767	55,325,767
C. Total Non-Fuel Costs (Appendix 2)	8,931,391	8,931,391
D. Non-Fuel Cost/KWH (C / B)	\$0.1614	\$0.1614
E. Total Fuel and Purchased Power Costs	8,549,796	8,355,245
F. Fuel and Purchased Power Costs/KWH	\$0.1545	\$0.1510
G. Eligible Costs/KWH (D + F)	\$0.3160	\$0.3125
H. Eligible Cost/KWH (G) less base rate in effect	\$0.1097	\$0.1062
I. Lesser of (H) or 79.37 cents/kWh	\$0.1097	\$0.1062
J. Average Class Rates (Appendix 3)		
Residential	\$0.1886	\$0.1886
Small General	\$0.1641	\$0.1641
Large General	\$0.2126	\$0.2126
Industrial	\$0.2825	\$0.2825
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95%, or (J)		
Residential	\$0.1042	\$0.1008
Small General	\$0.1042	\$0.1008
Large General	\$0.1042	\$0.1008
Industrial	\$0.1042	\$0.1008
L. Funding Level in Effect	100%	100%
Residential	\$0.1042	\$0.1008
Small General	\$0.1042	\$0.1008
Large General	\$0.1042	\$0.1008
Industrial	\$0.1042	\$0.1008

PC39-1018D
 Appendix 1

CITY OF UNALASKA

SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY
 BASED ON NON-FUEL COSTS FROM THE
 TEST YEAR ENDING JUNE 30, 2018
 Fuel Cost Update and Surcharge Change

				PC39-1018C	PC39-1018D	
				Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:						
A.	Personnel Costs			2,342,446	2,342,446	2,342,446
B.	Operating Expenses			8,709	8,709	8,709
C.	General and Administrative/Facilities Main.			126,448	126,448	126,448
D.	Administration			1,510,037	1,510,037	1,510,037
E.	Interest Expense/Power Production			542,674	542,674	542,674
F.	Other (Describe)/Line Repair & Maint.			1,201,781	1,201,781	1,201,781
G.	Depreciaton			3,199,297	3,199,297	3,199,297
H.	Total Non-Fuel Costs			8,931,391	8,931,391	8,931,391
Fuel Costs:						
I.	Gallons Consumed for Electric Generation			3,643,265	3,643,265	3,643,265
J.	Price of Fuel: (per gal.)	4/30/2021		\$2.3467	\$2.2933	\$2.2933
K.	Total Cost of Fuel			\$8,549,796	\$8,355,245	\$8,355,245
L.	Total Cost of Purchased Power			\$0	\$0	\$0
M.	TOTAL fuel cost & purchased power			\$8,549,796	\$8,355,245	\$8,355,245
N.	kWh Sold			55,325,767	55,325,767	55,325,767
O.	kWh Station Service			866,641	866,641	866,641
P.	Efficiency	≥	13.5	15.90	15.90	15.90
Q.	Line Loss	≤	12%	3.01%	3.01%	3.01%
(kWh generated-(kWh sold + Station Service))/kWh generated						

CITY OF UNALASKA

Surcharge 0.144950

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$8.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.233950	0.144950	0.378900	197.45	0.39490	0.1886
500				197.45	0.39490	0.1886
TOTAL (A)						(E)

Rate Schedule: Small General

Customer Charge (CC): \$10.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.205450	0.144950	0.350400	185.20	0.37040	0.1641
500				185.20	0.37040	0.1641
TOTAL (A)						(E)

Rate Schedule: Large General

Customer Charge (CC): \$50.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.173950	0.144950	0.318900	209.45	0.41890	0.2126
500				209.45	0.41890	0.2126
TOTAL (A)						(E)

Rate Schedule: Industrial

Customer Charge (CC): \$100.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.143850	0.144950	0.288800	244.40	0.48880	0.2825
500				244.40	0.48880	0.2825
TOTAL (A)						(E)

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